

Step 1

KAMOTEQ Firmware Upload

1. Download the [Firmware-Bin](#) file and [nodeMCU-flasher](#) and save them on your computer disk.

kamoteqv2 / kamoteq-repo Public

<> Code

Issues

Pull requests

Actions

Projects

Security

main

1 branch

0 tags



kamoteqv2 up



ESP8266Flasher

up



alexa-voice-command-demo

up



ipscan-win64-3.9.0

u



java-sdk

up



kamoteq-main-firmware-bin-files

up



kamoteq-password-eraser-bin-file

up



openhab-switch-habpanel-demo

up



siri-voice-command-demo

up



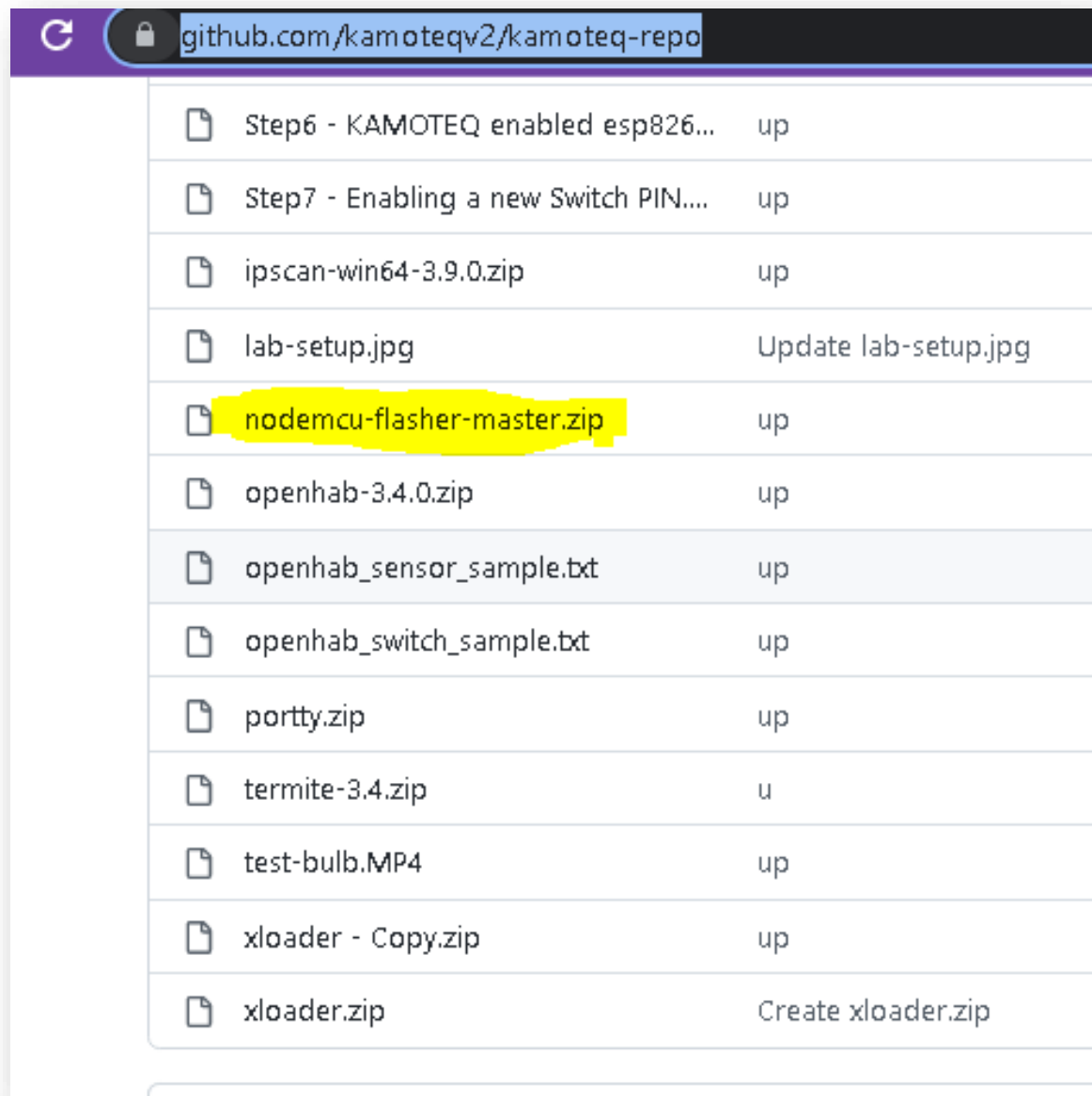
termite-3.4

up
















ultra-compact-usb

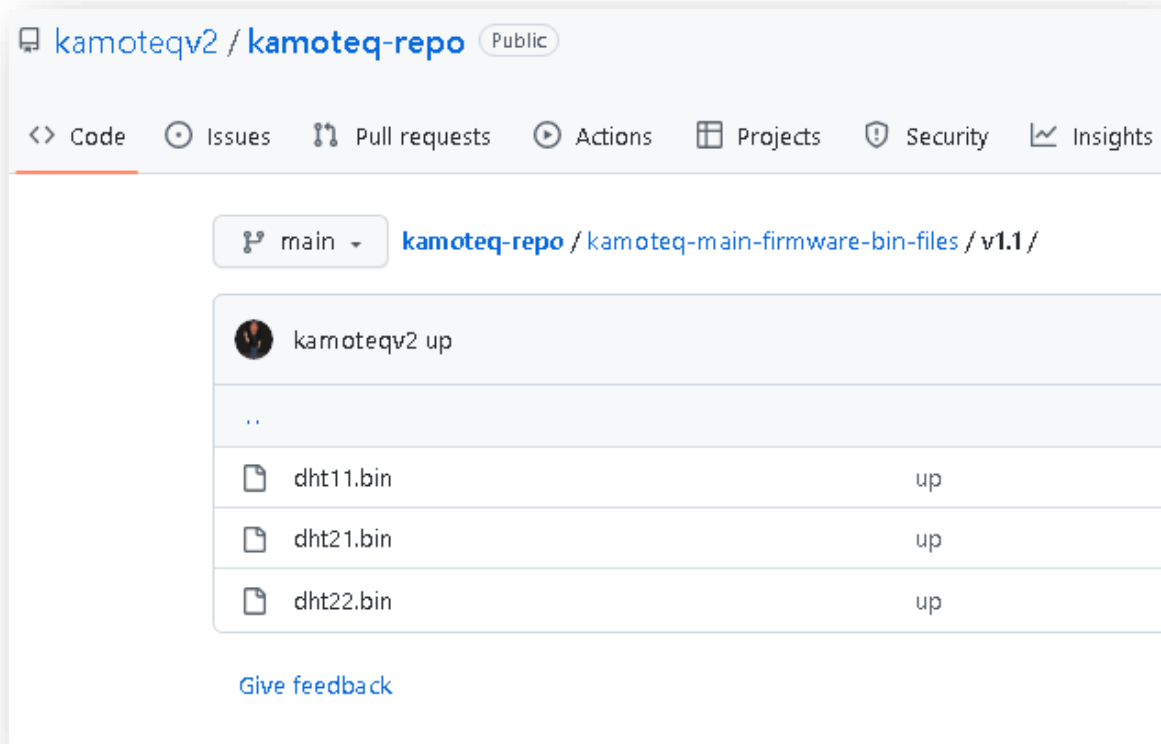
up



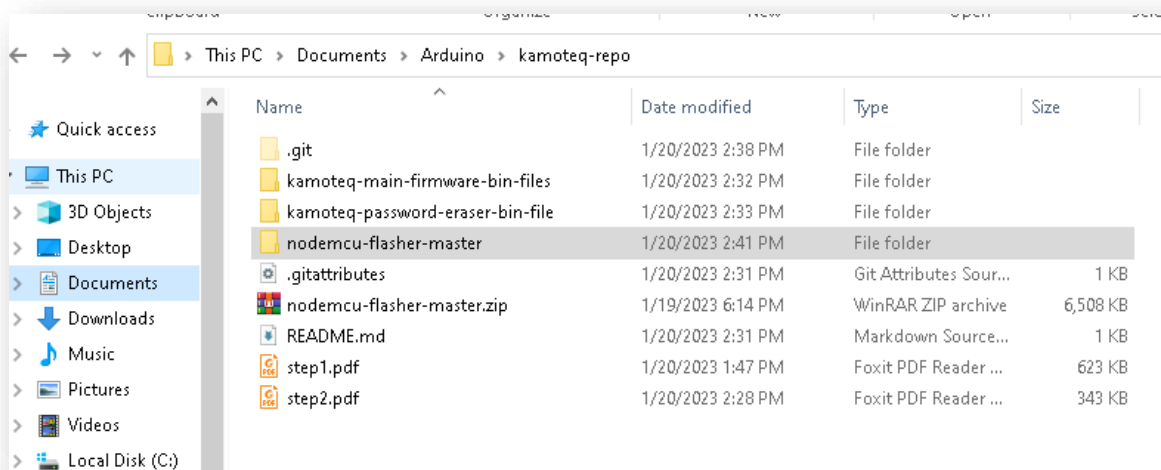
The image shows a screenshot of a web browser displaying a GitHub repository. The address bar at the top shows the URL 'github.com/kamoteqv2/kamoteq-repo'. Below the address bar is a table listing files in the repository. The file 'nodemcu-flasher-master.zip' is highlighted with a yellow background. The table has three columns: a file icon, the file name, and the file status.

File Icon	File Name	Status
	Step6 - KAMOTEQ enabled esp826...	up
	Step7 - Enabling a new Switch PIN....	up
	ipscan-win64-3.9.0.zip	up
	lab-setup.jpg	Update lab-setup.jpg
	nodemcu-flasher-master.zip	up
	openhab-3.4.0.zip	up
	openhab_sensor_sample.txt	up
	openhab_switch_sample.txt	up
	portty.zip	up
	termite-3.4.zip	u
	test-bulb.MP4	up
	xloader - Copy.zip	up
	xloader.zip	Create xloader.zip

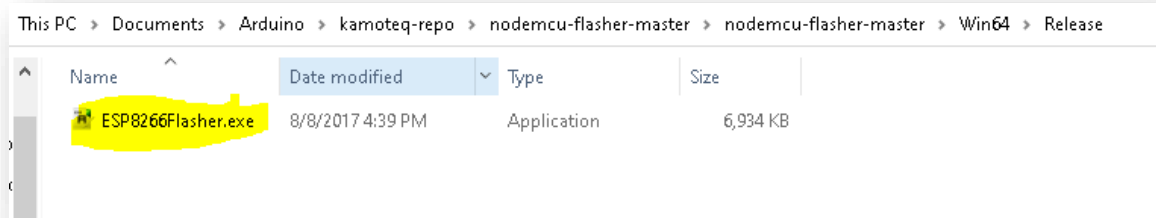
For the BIN file, just download the version that matches your DHT sensor model in your Lab setup



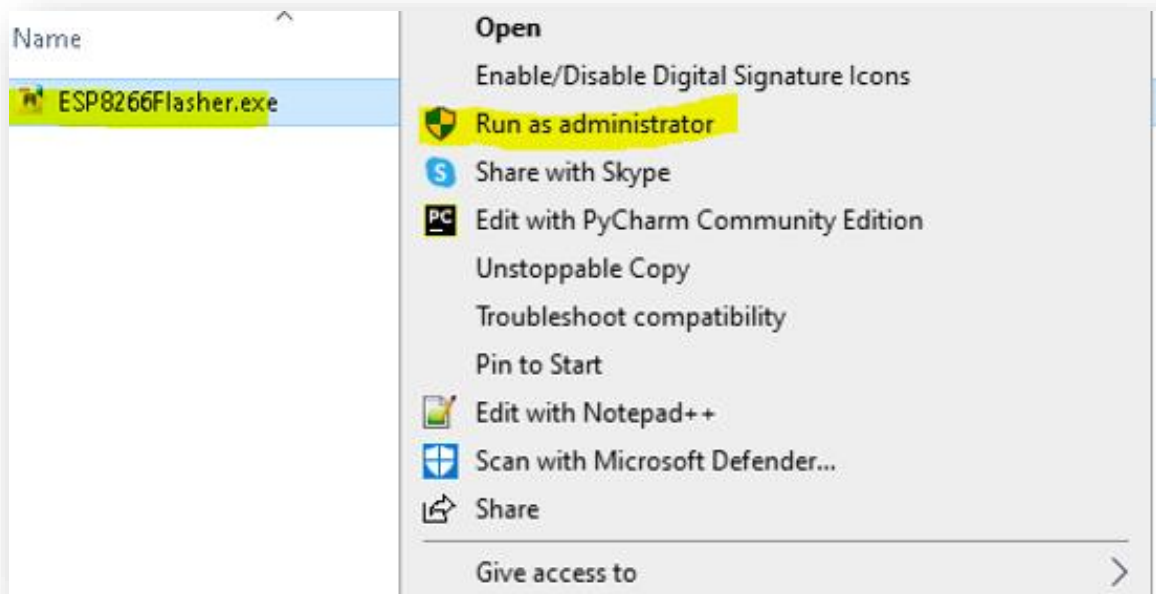
2. Extract the zipped nodeMCU flasher



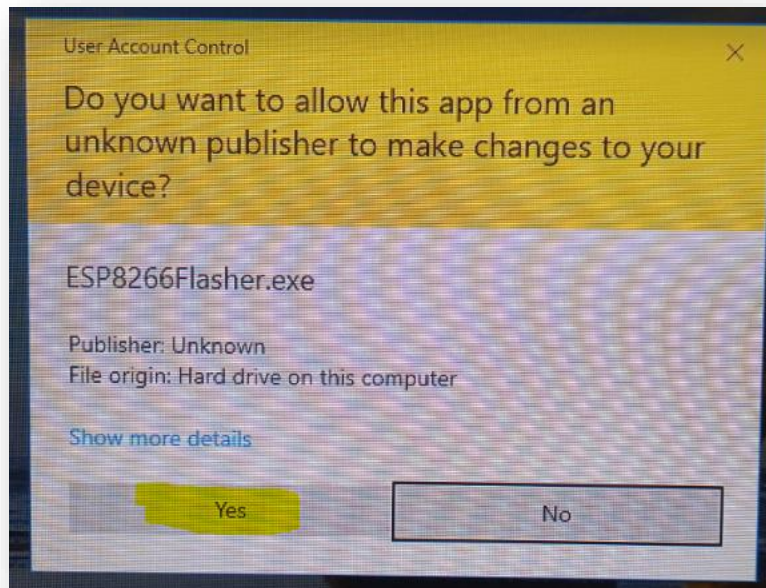
3. open extracted folder and look for the release inside the Win64 folder



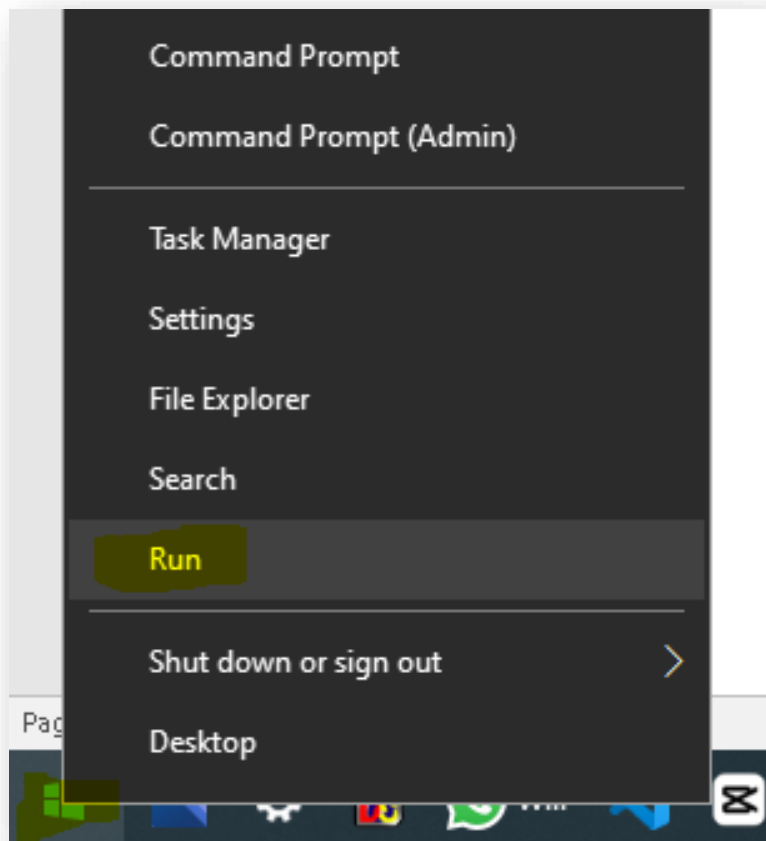
4. Click, right-click, and “Run as Administrator” the executable file



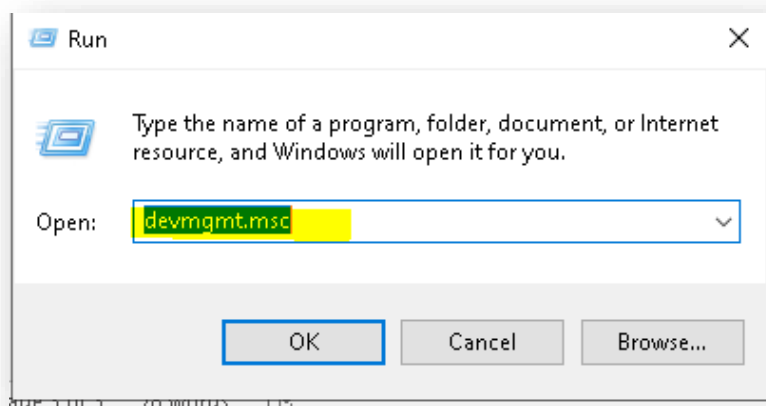
5. When asked to allow? You can click “Yes”



6. Connect the esp8266 nodeMCU to your computer with the micro-USB cable
7. Right-click Window and click "Run"



8. Enter “devmgmt.msc” to open the device manager

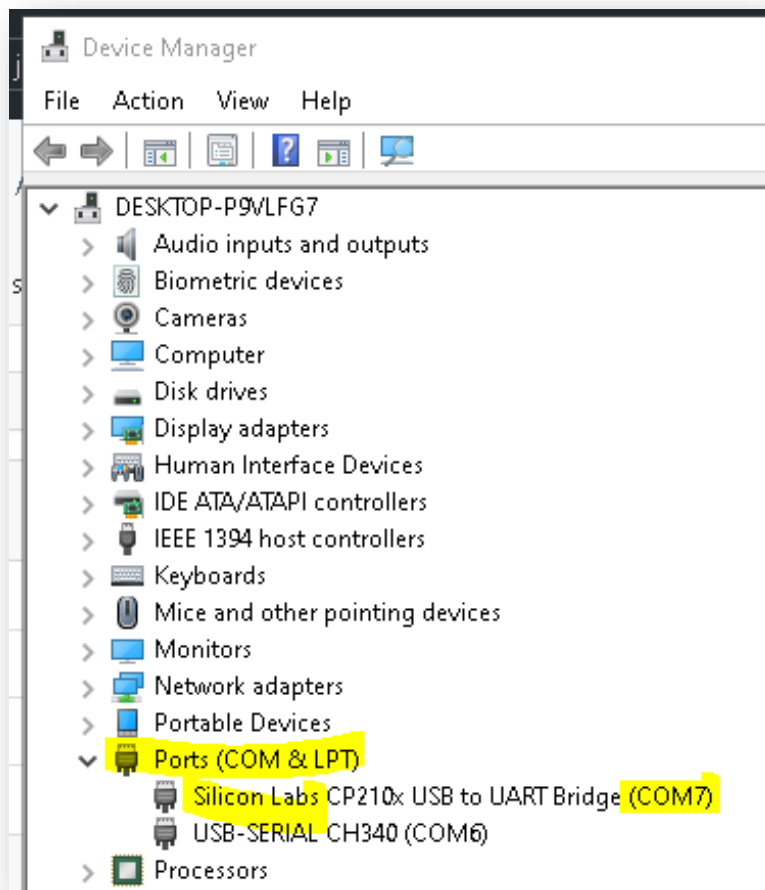


9. When asked/if it asked to allow the app just click “Yes”



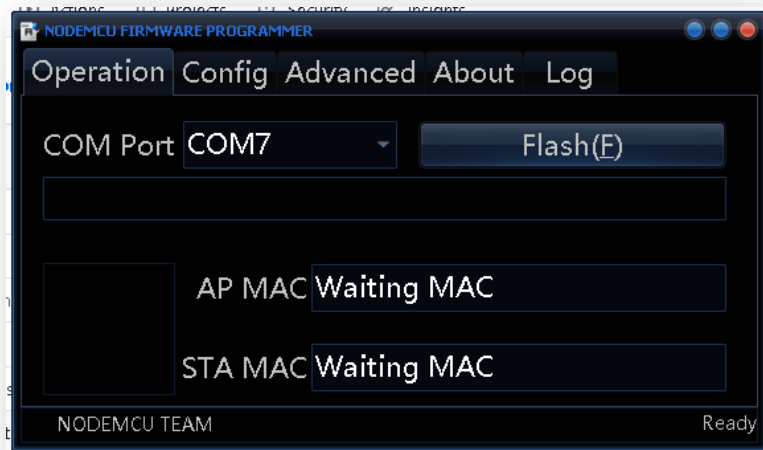
10. Expand the Ports (COM & LPT), look for the Silicon Labs driver, and take note of the Com Port No.

Example below



11. In the above example we got COM7 but chances are this will be different from yours so make sure you follow the above steps,
12. now let's go back to the NodeMCU flasher and on the first tab "Operation" select the correct COM Port number

Example below



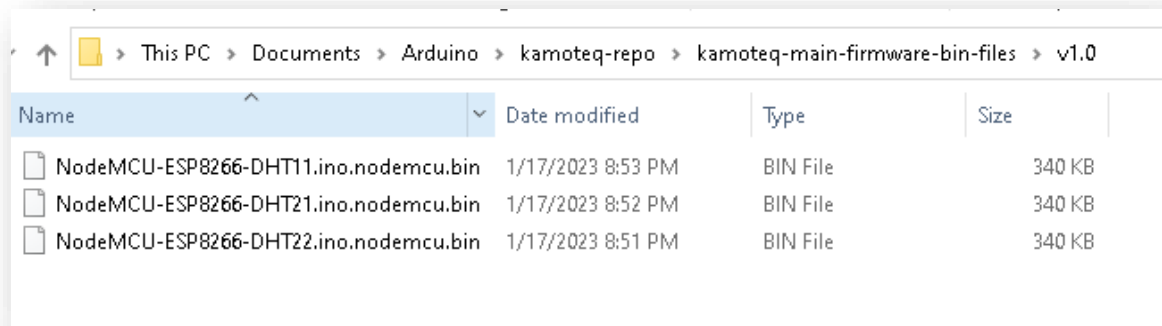
And on the “**Config**” tab click the small gear icon and find and select the downloaded bin file



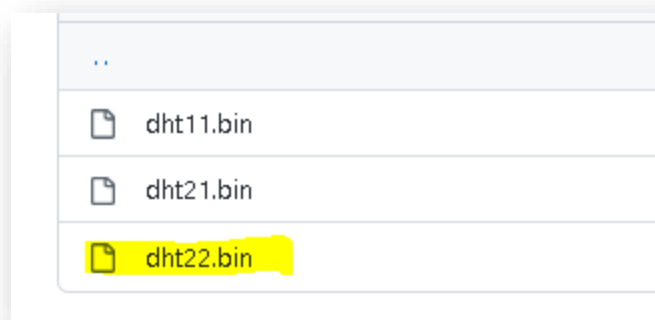
Note: there are three bin files corresponding to the three DHT available models

just select which one matches your currently connected DHT sensor

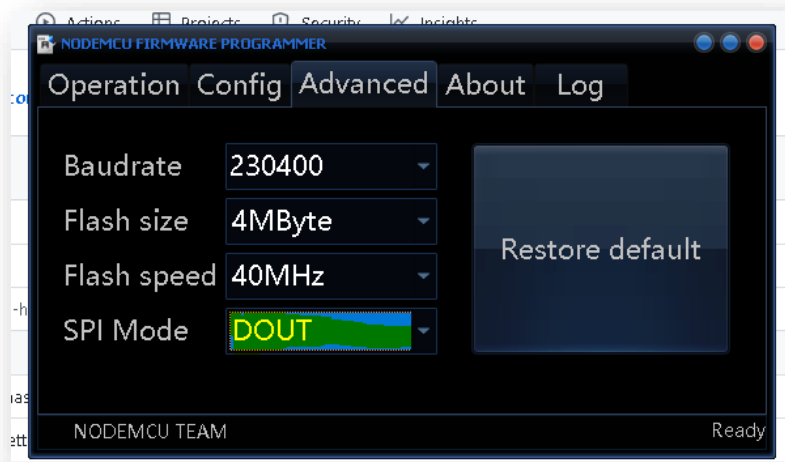
For example, if in your setup using a DHT22-type sensor then you must select the “NodeMCU-ESP8266-**DHT22**.ino.nodemcu.bin”



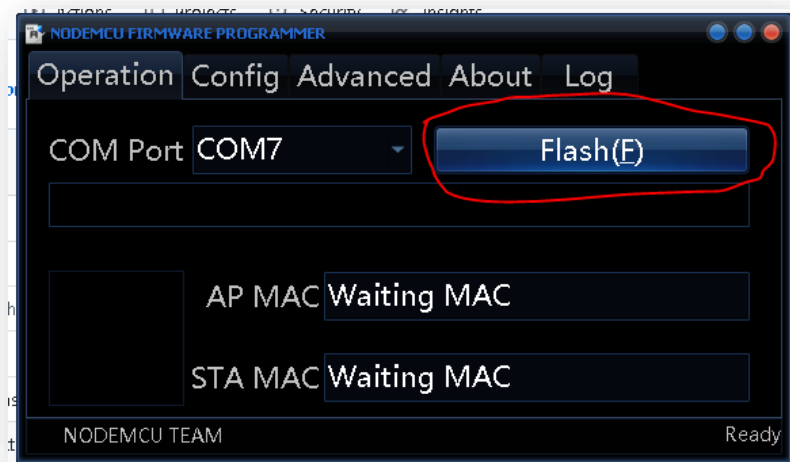
Or



And last, on the “**Advance**” tab leave everything default except!
The SPI Mode – change it to “**DOUT**”



Go back to the “Operation” tab and you can start the flashing,
Click the “Flash(E)” button



If completed without error, then Congratulations! If in the
case you receive any error during the process, just repeat the steps again.

This completes STEP 1 (KAMOTEQ Firmware Upload)

Proceed to STEP 2 (WIFI Network Registration)

*Disclaimer: Avoid interrupting the device during flashing this is a critical stage of the process It can make
your device useless*

Abruptly interrupted

End